

ABSTRACT

A plastic sheet product having a matte finish comprises a core layer of a thermoplastic polymer and at least one layer of a capstock composition which
5 overlies, and is bonded to, at least one face of the core layer. The capstock composition comprises the same or different thermoplastic polymer and contains a plurality of discrete particles immiscible with and dispersed in the thermoplastic polymer of the capstock composition. The sheet product may be prepared by the co-extrusion of the thermoplastic polymer and the capstock composition, and in a
10 particular embodiment, such co-extrusion may be conducted by means of a feedblock. In a particular embodiment, the thermoplastic polymer of the core layer and that of the capstock composition may be the same, such as in the instance of a methylmethacrylate-methylacrylate copolymer. Sheet products prepared in
accordance with the invention exhibit improved post-processability and ease of
15 surface maintenance, and may be fabricated into a variety of products including light diffusers, projection screens, and the like.